

Name: _____ Date: _____ Period: _____

WWP #13

Situation: You are going to the 7th grade dance and you want to know how much money you are going to need to borrow from your parents. You have figured out that the outfit you want to wear is going to cost \$56.55, but it is currently on sale for 30% off at the Mall and the sales tax is 6% in Maryland. You will also need to pay for a ticket to the dance. If you buy the ticket in advance it will cost \$10.00, but if you buy the ticket at the door of the dance it will cost \$15.00. The last thing you will need money for is dinner. You are figuring that you will need \$18.00 for the meal at dinner and then you will need to add 6% sales tax and a 20% tip to your meal price.

Determine how much money you will need in order to attend the 7th grade dance.

If your parents lend you \$75.00, is that enough money to cover your costs? Why or why not?

Was the \$75 enough money to borrow from your parents? What conditions did you have to consider?

Your parents have decided you will have to pay them the \$75.00 back with an additional interest rate of 5%. How much money will you owe your parents, including interest?

What strategies did you use to find your solutions?